

Amendments to the Claims

Please amend Claim 45. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1-15. (Cancelled).

16. (Previously Presented) A method executed by a peer to peer network node, said method comprising the steps of:

- a. connecting to a peer to peer network;
- b. sending a request to a specific node on the peer to peer network to upload a file associated with a file index number starting at N, where N is a real number, to said peer to peer network node;
- c. recording a specific file name that is sent corresponding to the file index number starting at N contained in a response from the specific node; and
- d. automatically incrementing the file index number and repeating the request until such time as the specific node no longer responds;

wherein the request is a push request for an out of band direct connection over a transport network containing at least the following fields: a client ID of the specific node, the file index number starting at N, Internet Protocol (IP) address of said peer to peer network node, and TCP/IP port number of said peer to peer network noted; and

wherein the response from the specific node includes at least the following: the client ID of the specific node, the file index number starting at N, and the specific file name corresponding to the file index number starting at N.

17. (Previously Presented)The method as set forth in claim 16 further comprising determining the specific node thought to be providing terrorist information or information detrimental to national security.

18. (Previously Presented)The method as set forth in claim 16 further comprising locating copyrighted or illegal information.

19. (Previously Presented)The method as set forth in claim 16 further comprising building profiles of users and what they have downloaded.

20. (Previously Presented)The method as set forth in claim 16 further comprising marketing products or services.

21-40 (Cancelled)

41. (Previously Presented)A method executed by a peer to peer network node, said method consisting of:

- a. connecting to a peer to peer network;
- b. sending requests to nodes on the peer to peer network associated with a list of client IDs that they upload a file associated with a file index number starting at N, where N is a real number, to said peer to peer network node; and
- c. recording a specific file name that is sent corresponding to the file index number starting at N contained in each of the responses from the nodes; and
- d. automatically incrementing the file index number and repeating the requests until such time as the nodes no longer respond; and
- e. automatically recording the client identification of the nodes and their responses into a data collection system;

wherein each of the requests is a push request for an out of band direct connection over a transport network containing at least the following fields: a client ID of the corresponding node, the file index number starting at N, Internet Protocol (IP) address of said peer to peer network node, and TCP/IP port number of said peer to peer network node; and

wherein each of the responses from the nodes includes at least the following: the client ID of the corresponding node, the file index number starting at N, and the specific file name corresponding to the file index number starting at N.

42. (Previously Presented)The method as set forth in Claim 41 wherein said list is generated by recording the client identification of the nodes that are responding to requests.

43. (Previously Presented)The method as set forth in Claim 41 wherein said list is generated by recording the client identification of the nodes that are responding to a specific search request.

44. (Previously Presented)The method as set forth in Claim 41 wherein said list is generated by recording the client identification of the nodes whose responses match a certain term.

45. (Currently Amended)The method as set forth in Claim 41 wherein said list is generated by recording the client identification of the nodes who[[whose]] respond to when said peer to peer network node sends a specific request.

46. (Cancelled)

47. (Previously Presented)A method of operating a peer to peer network node, the method comprising:

- a) connecting to a peer to peer network;
- b) sending a request to another node on the peer to peer network for a file having a file index number of N, where N is a real number;
- c) recording a file name corresponding to the file index number of N contained in a response from the other node;
- d) automatically incrementing the file index number; and
- e) repeating sending, recording and incrementing steps until all file names of the other node are recorded;

wherein the request is a push request for an out of band direct connection over a transport network containing at least the following fields: a client ID of the other node, the file index number of N, Internet Protocol (IP) address of said peer to peer network node, and TCP/IP port number of said peer to peer network node; and

wherein the response from the other node includes at least the following: the client ID of the other node, the file index number of N, and the file name corresponding to the file index number of N.

48. (Cancelled)

49. (Cancelled)

50. (Previously Presented)The method of claim 47 wherein the transport network is the Internet.

51. (Cancelled)

52. (Previously Presented)The method of claim 47 further comprising determining the other node is thought to be providing terrorist information or information detrimental to national security.

53. (Previously Presented)The method of claim 47 wherein the request is used to locate copyrighted or illegal information.

54. (Previously Presented)The method of claim 47 further comprising building profiles of users of the other node and what the users have downloaded.

55. (Previously Presented)The method of claim 47 further comprising using the recordings for marketing purposes.

56 - 59 (Cancelled)